

Spectrum Test Report

Sample :
Specification : B017060CB1LZ 6500±400K
Sample No. : 10201-0024-00
Manufacturer : iPixel LED

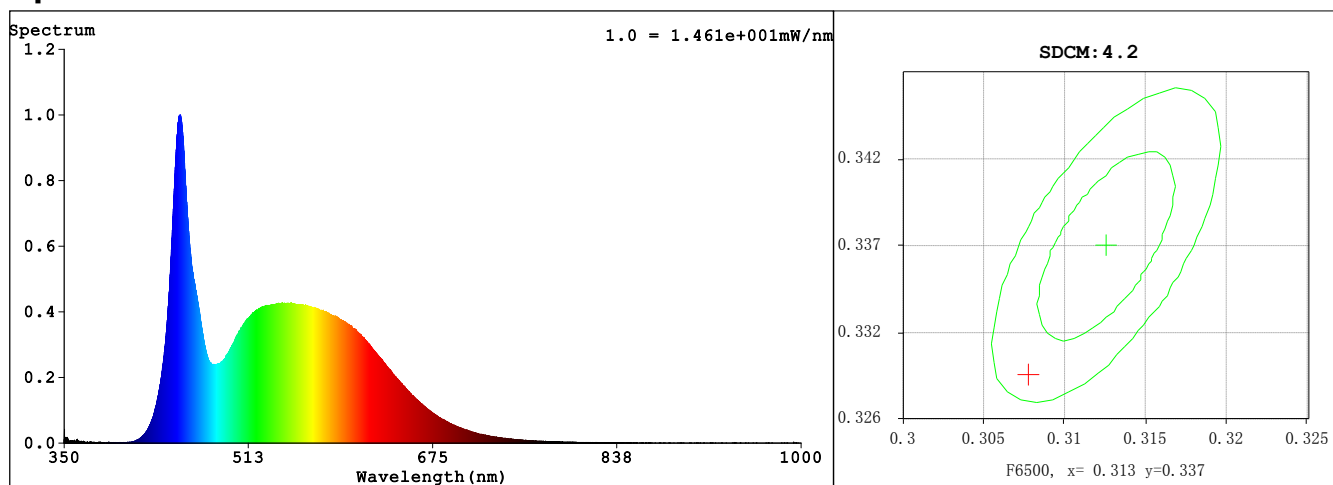
Date : 2025-10-22
Sam. Status : 30CM
Instrument : HAAS-2000(EVERFINE)
Test by : DNJ

Test Condition

Temperature : 25.3 °C
WL Range : 350nm-1000nm
Test Mode : Fast Test

RH : 65.0%
IP : 51266 (78%)
T : 572 ms
Sensitivity : High

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3082$ $y = 0.3290$ / $u' = 0.1947$ $v' = 0.4677$ ($duv=5.50e-03$)

CCT= 6753K Prpc WL: $L_d=489.5nm$ Purity=8.8%

Peak WL: $L_p=452nm$ FWHM: $=20.9nm$ Ratio:R=13.3% G=80.8% B=6.0%

Render Index: $R_a = 84.5$ TM30:Rf=84 Rg=94

R1 =83 R2 =89 R3 =92 R4 =83 R5 =83 R6 =84 R7 =90

R8 =72 R9 =15 R10=73 R11=82 R12=57 R13=85 R14=96 R15=78

LEVEL:OUT

TLCI Parameters: TLCI = 76.1

Photometric & Radiometric Parameters

Flux = 404.87 lm Eff. : 81.01 lm/W $Fe = 1.3258 W$

EEL: 0.13311 A+

EEC: 81.0 G

Electrical parameters

V = 12.00 V I = 0.4165 A P = 4.998 W PF = 1.000

Freq=0.00 Hz

GBT5702

iPixel LED

<https://www.ipixelleds.com>